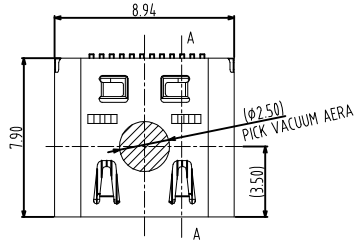
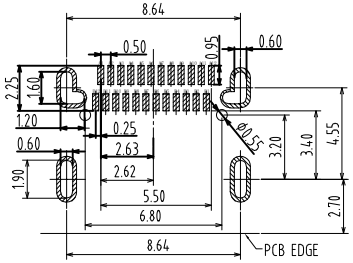
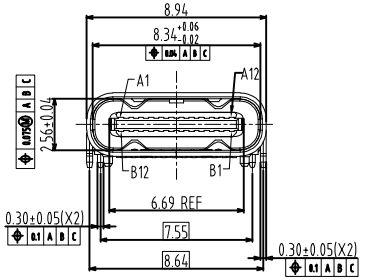
RoHS Compliant

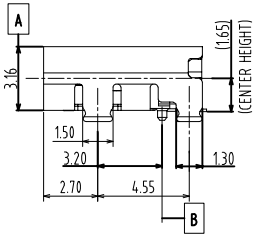
REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN

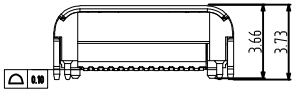




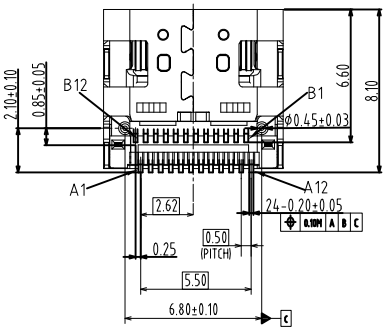
RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

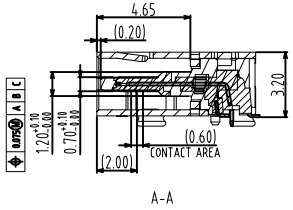






FOR ALL SMT
CONTACT TAILS
BEFORE REFLOW 0.08MAX.
AFTER REFLOW 0.10MAX.





A-A

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1−	Vbus	CC1	D+	D−	SBU1	Vbus	RX2−	RX2+	GND
GND	RX1+	RX1−	Vbus	SBU2	D−	D+	CC1	Vbus	TX2−	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

NOTES:
1. MATERIAL: SEE TABLE"A"
2. FINISH: SEE TABLE"A"
3.ELECTRICAL CHARACTERISTICS;
3.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
3.2 CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.
3.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
3.4 INSULATION RESISTANCE 100MΩ Min
3.5 OPERATING TEMPERATURE: -30°C ～ 85°C
4 MECHANICAL CHARACTERISTICS:
4.1 MATING FORCE: 5~20 N.
4.2 UNMATED FORCE: 8~20N AFTER TEST
4.3 DURABILITY: 10,000 CYCLES
5. PICKING AREA

PART NO. INFORMATION

U06-C F X X 5 R - 105

- PORT TYPE: C: TYPE C
- GENDER: F: FEMALE, M: MALE
- CONTACT PLATED: 1: GOLD 1U'', 2: GOLD 3U'', 6: GOLD 30U''
- HOUSING MATERIAL: A: LCP B: PBT C: PA9T D: PA6T E: PA46 F: PA66
- HOUSING COLOR: 2: WHITE, 5: BLACK, 9: NATURE
- PACKAGE: R: TAPE REEL

NO.	DESCRIPTION	MATERIAL AND FINISH	QTY
5	SHELL	STAINLESS STEEL,NI PLATED	1
4	MID PLATE	STAINLESS STEEL, NI PLATED	1
3	BOT CONTACT	COPPER ALLOY CONTACT AREA:Au SOLDER AREA:GOLD FLASH., ALL OVER NI PLATED	12
2	TOP CONTACT		12
1	HOUSING	HIGH TEMPERATURE PLASTIC,BLACK, UL94V-0	1

Bestcreate Technology Limited

TOLERANCES UNLESS OTHERWISE SPECIFIED:					
X.	±	0.38	X.°	±	3°
.X	±	0.25	.X°	±	2°
.XX	±	0.13	.XX°	±	1°

REV:	UNIT	SCALE	QUALITY SYMBOLS
A	mm	1=1	

Website:www.bsc-elec.com
Email:bestcreate@bsc-elec.com

DESIGN: I.L DATE:
CHECKED: C.W DATE:
APPROVED: C.W DATE:

TITLE: DUAL ROW USB TYPE-C FEMALE CONNECTOR 24P

MATERILA:	PART NO: U06-CFXX5R-105	SIZE: A4
FINSH:	DWG NO: U06-CFXX5R-105	1 OF 1